

C2 40. (Amended) The lubricant of claim 31, further comprising alcohol ethoxylate comprising a C₁₂-C₁₅ linear alcohol with 7 ethylene oxide units.

C3 44. (Amended) The lubricant of claim 42, comprising alkyl alkoxylated phosphate ester comprising an alkyl group of 10 to 12 carbon atoms and an alkoxy moiety of 5 ethylene oxide units, phenol ethoxylated phosphate ester, didecyl dimethyl ammonium chloride, and water; and further comprising EDTA, alkylating agent, and C₁₂₋₁₅ linear alcohol ethoxylated with 7 ethylene oxide units.

45. (Amended) An antimicrobial phosphate ester conveyor lubricant comprising alkyl alkoxylated phosphate ester, aryl alkoxylated phosphate ester, quaternary ammonium antimicrobial agent, and water;
wherein the antimicrobial phosphate ester conveyor lubricant is free of fatty acid.

CA 69. (Amended) The lubricant of claim 67, comprising alkyl alkoxylated phosphate ester comprising an alkyl group of 10 to 12 carbon atoms and an alkoxy moiety of 5 ethylene oxide units, phenol ethoxylated phosphate ester, didecyl dimethyl ammonium chloride, and water; and further comprising EDTA, alkylating agent, and C₁₂₋₁₅ linear alcohol ethoxylated with 7 ethylene oxide units.

70. (Amended) A process for lubricating a conveyor used to transport containers, the process comprising applying a phosphate ester antimicrobial lubricant composition to the conveying surface of a conveyor and moving containers on the conveyor;
the lubricant comprising alkyl alkoxylated phosphate ester, linear quaternary ammonium antimicrobial agent, and water;
wherein the antimicrobial phosphate ester conveyor lubricant is free of fatty acid.

C5 76. (Amended) The process of claim 70, wherein the lubricant composition further comprises sodium hydroxide.

C5
cont

77. (Amended) The process of claim 70, wherein the lubricant composition further comprises chelating agent for divalent cations.

C6

79. (Amended) The process of claim 70, wherein the lubricant composition further comprises alcohol ethoxylate comprising a C₁₂-C₁₅ linear alcohol with 7 ethylene oxide units.

C7

81. (Amended) The process of claim 70, wherein the lubricant composition further comprises aryl alkoxylated phosphate ester.

C8

83. (Amended) The process of claim 81, wherein the lubricant composition comprises alkyl alkoxylated phosphate ester comprising an alkyl group of 10 to 12 carbon atoms and an alkoxy moiety of 5 ethylene oxide units, phenol ethoxylated phosphate ester, didecyl dimethyl ammonium chloride, and water; and further comprising EDTA, alkylating agent, and C₁₂₋₁₅ linear alcohol ethoxylated with 7 ethylene oxide units.

84. (Amended) A process for lubricating a conveyor used to transport containers, the process comprising applying a phosphate ester antimicrobial lubricant composition to the conveying surface of a conveyor and moving containers on the conveyor;
the lubricant comprising alkyl alkoxylated phosphate ester, aryl alkoxylated phosphate ester, quaternary ammonium antimicrobial agent, and water;
wherein the antimicrobial phosphate ester conveyor lubricant is free of fatty acid.

C9

100. (Amended) The process of claim 89, wherein the lubricant composition further comprises alkali metal hydroxide or ammonium salt.

101. (Amended) The process of claim 100, wherein the lubricant composition comprises sodium hydroxide.

102. (Amended) The process of claim 89, wherein the lubricant composition further comprises chelating agent for divalent cations.

C10 104. (Amended) The process of claim 89, wherein the lubricant composition further comprises alcohol ethoxylate comprising a C₁₂-C₁₅ linear alcohol with 7 ethylene oxide units.

C11 106. (Amended) The process of claim 89, wherein the lubricant composition further comprises aryl alkoxyated phosphate ester.

C12 108. (Amended) The process of claim 106, wherein the lubricant composition comprises alkyl alkoxyated phosphate ester comprising an alkyl group of 10 to 12 carbon atoms and an alkoxy moiety of 5 ethylene oxide units, phenol ethoxylated phosphate ester, didecyl dimethyl ammonium chloride, and water; and further comprising EDTA, alkylating agent, and C₁₂₋₁₅ linear alcohol ethoxylated with 7 ethylene oxide units.